

CPC EMC NHC OPC WPC CCB
Meeting Agenda
1730Z – 18 Jul 2019

I. Enterprise Discussion

A. Schedule of Events (SOE) Enterprise highlights, available [online](#)

❖ WCROSS:

- None

B. Upcoming Model Changes and additions – details are available [online](#).

Model	30-day IT stability start	30-day IT stability end	Implementation Date
NOSOFS	Jun 14	Jul 14	July 23
EMWIN	Jun 20 Stopped; on hold	Jul 20 TBD	Jul 24 TBD
LAMP/GLMP	Jul 01	Jul 31	Aug 20
MADIS	Jul 02	Aug 01	Aug 12

- ❖ The SCN for the NOSOFS upgrade may be viewed at: https://www.weather.gov/media/notification/scn19-51nos_ciofsandlmhofs.pdf . In addition to this upgrade, output from the current Lake Michigan OFS and Lake Huron OFS will be discontinued on nowCOAST map services on July 23. See the SCN at: <https://www.weather.gov/media/notification/scn19-65nowCOAST.pdf> . This output is being replaced with output from the new Lake Michigan-Huron OFS being implemented on July 23.
- ❖ The SCN for the LAMP/GLMP upgrade is located at: https://www.weather.gov/media/notification/scn19-61lamp_glmp.pdf .

- ❖ The MADIS upgrade SCN may be viewed at:
https://www.weather.gov/media/notification/scn19-62madis_update.pdf .
- ❖ The SCN for the enterprise EMWIN transition to operations is located at:
https://www.weather.gov/media/notification/scn19-53emwin_goesaaa.pdf .
The 30-day IT stability test was stopped due to an error that was seen. It will be restarted after a fix is received from the development organization and is retested.

C. Proposed upcoming NCO RFC(s) with potential Enterprise effect:

- ❖ RFC 5852 - Implement NAWIPS v7.7.0, which includes the following: fixes all zeroes output of ASCAT wind speed; fixes all zeroes output of CB tops, tropopause; jet stream levels, etc.; fixes decoders' run time errors; fixes 8/16 bits GIF image export issues. Release notes will be provided upon request.
To be implemented in NCWCP as follows:
 - July 17 1400Z – 1500Z: WPC workstations and NESDIS (completed)
 - July 17 1500Z – 1600Z: SDM (completed)
 - July 23 1400Z – 1500Z: WPC Compute Farm
 - July 23 2000Z – 2100Z: CPC.
- ❖ RFC 5855 - Create a new partition /cpc/heat_project of 1TB for CPC to use for their new heat project. Proposed implementation was to be July 2 at 1900Z but was postponed due to personnel availability. The new date is TBD.
- ❖ Add Kodiak HFFAX (Radio High Frequency FAX) Chart dissemination to the existing HFFAX systems in College Park and Boulder. The Kodiak location is on its last legs and failing on a relatively routine basis. As this system is for mariners in Offshore Alaska, a reliable feed to them is vital. To be implemented on July 23 and 24 at 1400Z each day.
- ❖ Add 06Z, 12Z, and 18Z enkf (Ensemble Kalman Filter) files, gfs.tCCz.gtg.grb2f* (Graphical Turbulence Guidance), and gfs.tHHz.gcip.f00.grib2 (Global Current Icing Potential) into the parm files 'transfer_rdhpcs_gdas.list' and 'transfer_rdhpcs_gfs.list' for transfer from WCOSS to Theia. To be implemented on July 23 at 1430Z.
- ❖ Upgrade the NHC NetApp from a single controller to 2 controllers. The current NetApp setup at NHC only has one FAS8060 making it a single point of failure. This hardware upgrade will replace the FAS8060 with two FAS8200 controllers moving from a single point of failure to a high availability device. To be implemented on July 22 and 23 at 1200Z each day.

- ❖ Update the cleanlist for NAVO HYCOM data. The disk used for storing this data isn't being cleaned properly. To be implemented on July 23 and 24 at 1400Z each day.
- ❖ Switch the operational GOES-W satellite in N-AWIPS from the current GOES-15 data delivered via McIDAS/SPIDER to the GOES-17 data being created by ISatSS using the GRB data feed. Also clean up DBNet tables to remove entries for GOES-15 data previously alerted to WCOSS and NHC as backup data. GOES-17 is the operational GOES-W satellite and NAWIPS formatted data is already being created from it by the in house ISatSS application. NESDIS will decommission the GOES-15 satellite at the end of 2019. To be implemented on July 24 and 25 at 1300Z each day.
- ❖ Expand the volume 'goesrpg_sdb_expand' from 11TB to 59TB. This change affects OPC. To be implemented on July 22 at 1400Z.
- ❖ On WCOSS, increase the wall clock for the HWRF enkf job from 35 to 45 min. This job takes longer to run when a tropical system is close to land and when it's in a data-rich area. This job failed recently when HRCN Barry approached land. To be implemented on July 23 at 1400Z.
- ❖ On WCOSS, update WGRIB (for grib1) from version v1.8.1.2a to version v1.8.2. There have been several times that model processing jobs on WCOSS were unable to process input GRIB files due to limitations with the available version of wgrib. This new version of wgrib will handle those GRIB files correctly. To be implemented on July 23 at 1440Z.
- ❖ Implement a new version of bufrlib. The list of changes includes:
 - The window for converting 2-digit years to 4-digit years is shifted. The old window was 1921 – 2000 (i.e. add 1900 to any 2-digit year greater than 20, otherwise add 2000). The new window will be 1941 – 2040 (add 1900 to any 2-digit year greater than 40; otherwise add 2000).
 - The default BUFR master table version number is being changed from '13' to '29'.
 - The default directory location of the BUFR master tables is changed to the Dells, removing dependence on the IBMs.

A full list of changes is available upon request. To be implemented on July 22 at 1200Z.

D. Partners presentation/discussion

II. New Business

- ❖ Scheduled RFCs (Approve/Reject/Defer)
- ❖ Discuss RFCs rejected by the CM staff
- ❖ SCNs/PNSs that may require inter-Center coordination:
 - Modification to support email for NCO's Software Development Branch on or about October 1, 2019. See the SCN at: https://www.weather.gov/media/notification/scn19-48nids-support_email.pdf .
 - NWS Hazard Simplification (Haz Simp) Project: Reformatting NWS Non-Precipitation Weather Hazard Products Effective September 24, 2019. See the SCN at: https://www.weather.gov/media/notification/scn19-54hazsimp_non-precipaaa.pdf .
 - Reinstate the Lake Effect Snow Warning product and add the "Impacts" bullet for the NWS Haz Simp project. See the SCN at: https://www.weather.gov/media/notification/scn19-63hazsimp_lake_snowaab.pdf .

III. **Old Business**

- ❖ Verify Completion of Previously Scheduled RFCs
- ❖ Deferred Items

IV. **Announcements/Reminders**

- ❖ None

V. **Next meeting – Thursday July 25 @ 1:30 PM ET (1730Z)**